g1abgmnq[1]Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**HOME SWEET HOME**

CHART COMPARING EARTH TO ANOTHER PLANET

Use the information below to complete your Home Sweet Home assignment.

|  |  |  |
| --- | --- | --- |
| **Type of Information** | **Earth** | **Your Planet: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| Average distance  from Earth  (in miles) | Not needed |  |
| Average distance  from the Sun  (in miles) |  |  |
| Length of revolution |  |  |
| Tilt of Axis (in degrees) |  |  |
| Length of rotation |  |  |
| “Surface” gravity  (as compared to Earth’s) | 1 |  |
| Atmosphere  (what is it made of) |  |  |
| Thickness of Atmosphere (atmospheric pressure) |  |  |
| Average temperature and/or Max. and Min. temperature (temp. range)  (in degrees Fahrenheit) |  |  |
| Is water present?  (if no, write “no”  if yes, is it ice, liquid and/or vapor?) |  |  |
| Type of Surface  (gas or solid) |  |  |
| Weather conditions (winds, storms, rain, lightening, etc…if all, write “all”) |  |  |
| Presences of Rings?  (yes or no) |  |  |
| Number of Moons |  |  |
| Planetary Features  (mountains, volcanoes, canyons, storms, etc. |  |  |

**g1abgmnq[1]**

**HOME SWEET HOME**

Choose **one** of the following.

1. Design a spacesuit that a human would need to survive on your planet.

Include the following:

* Label the special parts of your spacesuit.
* Describe how each part is specially designed for the temperatures, weather conditions, atmosphere, and gravity of your planet.

1. Design a travel brochure with your planet as the destination.

Include the following:

* Describe activities/adventures Earthlings could do on your planet. Explain why they are possible on your planet (why would they be so fun). Think about the weather, gravity, temperature, planetary features and type of surface.
* Give your trip an exciting title.
* Include colored pictures of the activities to persuade other Earthlings to go to your planet.

1. Design a creature that could exist on your planet. Decide what specific characteristics a creature must have to live in your planet’s unique environment.   
   Include the following:

* A detailed colored drawing of the creature.
* Label your drawing and describe:
  1. Creature’s unique features and how they help it survive on your planet (consider temperature, gravity, what they eat and how they get it, dangers they may encounter and the amount of light on your planet).
  2. What your creature does for “fun”.

1. Write a poem about looking at the sun from your planet. The poem does not have to rhyme, however it can.   
    It must be at least 10 lines (no haikus).   
   Include the following:

* Length of day
* Distance from the sun
* How well you can see the sun (think about how thick the atmosphere is and if there are any storms)
* The current weather conditions
* Make a colored picture that goes with your poem.